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JUL 31 2007

LOS ANGELES  
SUPERIOR COURT

1 EDMUND G. BROWN JR., Attorney General  
of the State of California  
2 TOM GREENE  
Chief Assistant Attorney General  
3 THEODORA BERGER  
Senior Assistant Attorney General  
4 DONALD ROBINSON  
Supervising Deputy Attorney General  
5 JAMES R. POTTER (State Bar No. 166992)  
Deputy Attorneys General  
6 300 South Spring Street  
Los Angeles, California 90013  
7 Telephone: (213) 897-2637  
Fax Number: (213) 897-2802

8 Attorneys for Plaintiff, People of the State of  
9 California, ex rel Maureen Gorsen, Director,  
California Department of Toxic Substances Control

11 SUPERIOR COURT OF THE STATE OF CALIFORNIA

12 IN AND FOR THE COUNTY OF LOS ANGELES

14 PEOPLE OF THE STATE OF CALIFORNIA, ex ) No. BC 349076  
15 rel. Maureen Gorsen, Director, California )  
Department of Toxic Substances Control, )  
16 Plaintiffs, ) STIPULATION FOR ENTRY OF  
17 v. ) PRELIMINARY INJUNCTION RE  
HAZARDOUS WASTE  
18 ) MANAGEMENT AND ~~PROPOSED~~  
ORDER  
19 Trident Plating, a California Corporation, and Does )  
1 to 10, )  
20 Defendants. ) Complaint filed: March 16, 2006  
21 ) Second Phase Trial Date: January 22,  
22 ) 2008

23  
24 The parties – Plaintiff, the Department of Toxic Substances Control (“DTSC”), and  
25 Defendant, Trident Plating (“Trident”), through their respective counsel of record – stipulate to  
26 entry of a preliminary injunction governing Trident’s management of hazardous waste and  
27 respectfully request the Court enter the attached order to that effect.  
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1.

STIPULATED PRELIMINARY INJUNCTION

June 29, 2007

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**Background**

DTSC filed this action on March 16, 2006, alleging that Trident was violating various provisions of California's Hazardous Waste Control Law, Health and Safety Code section 25100 et seq. ("HWCL"). On October 4, 2006, the Court bifurcated this matter into separate trials on liability and remedies. On April 19, 2007, pursuant to the parties' stipulation, the Court entered judgment in favor of plaintiff on the liability portion of the case. Trial on the penalty portion of the case is set for January 22, 2008. The parties are attempting to resolve the remedy portion of the case by negotiating a civil penalty, a permanent injunction, and other relief.

**Stipulation**

As part of their attempt to resolve the case, the parties respectfully request the Court to enter the attached stipulated preliminary injunction.

IT IS SO STIPULATED

EDMUND G. BROWN JR.  
Attorney General of the State of California

Original signed by  
James R. Potter  
JAMES R. POTTER  
Deputy Attorney General  
Attorneys for Plaintiff

7/23/07

Law Offices of Colin C. Swainston

Original signed by  
Colin C. Swainston  
COLIN C. SWAINSTON  
Attorneys for Defendant

7/27/07

This Order is binding on Trident Plating, its officers, employees and agents. Unless otherwise specified, these provisions will take effect upon entry of this Order by the Court and

1 shall continue until trial of the penalty portion of this matter or until other resolution of the  
2 penalty portion of this matter.

3 **General**

4 1. Trident shall comply with all applicable requirements of the HWCL, including  
5 those requirements specified in the DTSC's implementing regulations, California Code of  
6 Regulations, tit. 22, § 66260.10 et seq.

7 **Mixing of Incompatible Wastes.**

8 2. Within <sup>45</sup>four weeks of entry of this Order, Trident shall submit to the Department a  
9 written explanation of the appearance of cyanide ions in Trident's acidic baths, rinse tanks, acid  
10 waste collection tanks, and nickel waste collection tanks and the observation of low pH in  
11 Trident's cyanide waste collection tanks. This written explanation shall also contain a  
12 description of the corrective action(s) taken to prevent the reoccurrence of mixing incompatible  
13 wastes. Alternatively, Trident may submit a written statement that Trident has investigated the  
14 matter and cannot explain the source of the contamination. This written statement must also  
15 describe the steps/actions taken to investigate and identify the source of contamination. Either  
16 written statement shall include all sample and monitoring data collected during Trident's  
17 investigation to determine the source of the contamination.  
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20 3. Trident shall comply with the monitoring plan attached to this order as Exhibit 1.  
21 Twenty-four months from the entry of this order, Trident may petition DTSC to be relieved of  
22 this paragraph 3. If Trident demonstrates that it has been in continuous compliance with this  
23 paragraph and with the waste analysis requirements of California Code of Regulations, title 22, §  
24 66265.13 generally, DTSC will grant that petition and send Trident written notification to that  
25 effect.  
26

27 **Tank Assessment**

JRT  
7/23/07  
ccf  
7/12/07

1           4.       Within six weeks of entry of this Order, Trident shall submit to the Department an  
2 integrated, comprehensive tank assessment for all tanks and related ancillary equipment at the  
3 Trident facility in which hazardous wastes are stored or treated (including the laboratory tank  
4 and the storage tank for the air scrubber). The assessment may be based on the scope of work  
5 that Trident's counsel forwarded to DTSC's counsel on June 22, 2007, provided that scope of  
6 work is modified to reflect the comments DTSC's counsel sent to Trident on June 27, 2007.  
7 Within <sup>to three</sup> ~~two~~ weeks of entry of this Order, Trident shall send to the Department a workplan for the  
8 tank assessment. Trident does not need the Department's approval before implementing the  
9 work plan. The assessment shall contain all information required by California Code of  
10 Regulations, title 22, § 66265.192. For each secondary containment area, the assessment shall  
11 demonstrate compliance with § 66265.193, and shall include without restriction the following: a  
12 list of all hazardous waste stored within that containment area demonstrating that no  
13 incompatible wastes will be stored in the containment area; information about the construction of  
14 the containment demonstrating that the secondary containment is constructed or lined with  
15 material that is compatible with the waste(s) stored within the containment area; and calculations  
16 demonstrating that the secondary containment area has adequate volume, including the required  
17 volume for rain water unless the area is designed and operated to prevent infiltration of  
18 precipitation.  
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22 **Daily Tank Inspections**

23           5.       Each working day, a corporate officer of Trident will oversee Trident's tank  
24 inspection process and cosign the tank inspection form certifying the accuracy of the form and  
25 that the inspections were done correctly. Trident shall record its tank inspections on the tank  
26 inspection forms attached to this order as Exhibit 2. Twenty-four months from the entry of this  
27

JRP  
2/23/07  
CW  
7/19/07

1 order, Trident may petition DTSC to be relieved of this paragraph 5. If Trident demonstrates  
2 that it has been in continuous compliance with this paragraph and with the tank inspection  
3 requirements of California Code of Regulations, title 22, § 66265.15 generally, DTSC will grant  
4 that petition and send Trident written notification to that effect.

5  
6 **Management of Change**

7         6. Effective immediately on the first day of each month, a corporate officer of  
8 Trident shall certify that Trident has made no changes in the past month that would affect the  
9 accuracy of Trident's tank assessment or any other plan or document required by the HWCL.  
10 Trident shall maintain those certifications as part of the operating record required by California  
11 Code of Regulations, title 22, § 66265.73.

12  
13 **Training**

14         7. Trident shall send all "facility personnel," as defined in California Code of  
15 Regulations, title 22, § 66260.10, to California Compliance School, or a comparable program, to  
16 receive all of the training required by § 66265.16 within three months of entry of this Order.  
17 Trident shall ensure that all facility personnel receive annual training and review of requirements  
18 specified in § 66265.16.

19  
20         8. Within three months of entry of this Order, Trident shall develop a course  
21 specifically concerning hazardous waste generation and management at the Trident facility. The  
22 object of the course shall be to ensure that Trident employees whose job description does not  
23 include handling hazardous waste do not handle hazardous waste and that only those Trident  
24 employees trained to handle hazardous waste do handle hazardous waste. The course shall also  
25 include training and review of Trident's Contingency Plan so that whenever there is an imminent  
26 or actual emergency situation, employees are knowledgeable regarding the types of internal  
27

1 facility alarms and communications that may be utilized by the facility and the emergency  
2 procedures for evacuation. Trident shall ensure that all employees are given the course at least  
3 once every twelve months and that new employees receive the course within 30 days of  
4 beginning work at Trident. Training records for current employees completing the course shall  
5 be kept until closure of the facility. Training records on former employees completing the  
6 course shall be kept for at least three years from the date the employee last worked at the facility.  
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9 IT IS SO ORDERED 7/24/07  
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Original signed by Ruth A. Kwan

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JUDGE OF THE SUPERIOR COURT

**RUTH A. KWAN**

# **Exhibit 1**

Draft Compliance Conditions  
May 18, 2007

**Monitoring for Incompatible Waste at Trident Plating**

Incompatible waste has been found in Trident's hazardous waste tanks both by Trident and the Department. Trident must cease mixing incompatible waste in the hazardous waste tank system immediately.

In order to determine if incompatible wastes are being mixed in the hazardous waste tank system it is necessary to monitor the wastewater in the hazardous waste collection tanks and the discharge from the cyanide destruction tank. This monitoring program requires Trident Plating to conduct daily monitoring as part of the daily tank inspection program. Trident Plating may utilize their onsite laboratory to do the daily monitoring, but must use a contract laboratory to monitor the same tanks on a weekly basis.

Trident will keep the monitoring results as part of its operating record, and shall provide copies to the Department of Toxic Substances Control within 5 days of any written or verbal request .

**Trident Plating Monitoring**

All wastewater samples shall be representative of the volume and nature of the discharge. The time, date, and location of each grab sample shall be recorded on the sample daily tank inspection log form. Wastewater flow monitoring shall be conducted continuously using a flow meter and shall be reported in cumulative gallons per day.

Field test instruments (such as for the measurement of pH and cyanide) may be used provided that:

1. The operator is trained in the proper use of the instrument;
2. The instruments are field calibrated prior to each use;
3. Instruments are serviced and/or calibrated by the manufacturer at the recommended frequency; and
4. Field calibration reports shall be maintained for three years and will be made available to the Department's representative upon request.

Sample monitoring locations shall include the acid collection tanks nos. A1 to A7 and the Nickel collection tanks nos. N1 to N8. The acid and nickel collection tanks monitoring is as follows:



**Trident Plating Acid and Nickel Collection Tank Monitoring**

Trident Plating Acid Collection Tanks and Nickel Collection Tanks Monitoring Program				
Constituents	Units	Sample Type	Sample Frequency	Sample Reporting <sup>2,3</sup>
Effluent Flow <sup>4</sup>	gallons	measurement	continuously	daily tank log
pH	standard units	measurement	continuously	daily tank log
Total Cyanide	mg/l	grab	daily <sup>1</sup>	daily tank log

<sup>1</sup>Grab sample collection shall alternate between the morning (7:00 a.m. to 12:00 p.m.) and the afternoon work periods. (12:01 p.m. to 5:00 p.m.) such that every other work day the sample is representative of a different work period.

<sup>2</sup>If Trident Plating conducts any additional monitoring of the collection tanks then the monitoring results from those sample events shall also be noted in the daily tank log inspection report.

<sup>3</sup>Within 48 hours of detecting incompatible waste within any collection tank, Trident Plating shall submit a written report to the Department. The report shall include a copy of the daily tank inspection report covering the mixing incompatible waste, result of a sample monitoring data collected and shall describe the steps/corrective action taken or planned to prevent the reoccurrence.

<sup>4</sup>Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated and maintained to ensure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than  $\pm 10$  percent from true discharge rates throughout the range of expected discharge volumes.

**Trident Plating Cyanide Collection Tank and Cyanide Destruction Tank  
Monitoring**

Sample monitoring locations shall include the cyanide collection tanks nos. C1 to C6 and the Cyanide Destruction Tank. The cyanide collection tanks and cyanide destruction tank monitoring is as follows:

Trident Plating Cyanide Collection Tanks Monitoring Program				
Constituents	Units	Sample Type	Sample Frequency	Sample Reporting <sup>2,3</sup>
Effluent Flow <sup>4</sup>	gallons	measurement	continuously	daily tank log
pH	standard units	measurement	continuously	daily tank log
Total Cyanide	mg/l	grab	daily <sup>1</sup>	daily tank log

<sup>1</sup>A sample shall be collected from the effluent discharged from the cyanide destruction tank and prior to mixing with any other waste stream.

<sup>2</sup>If Trident Plating conducts any additional monitoring of the cyanide collection tanks or cyanide destruction tank then the monitoring results from those sample events shall also be noted in the daily tank log inspection report.

<sup>3</sup>Within 48 hours of becoming aware that incompatible waste has been mixed in the cyanide collection tank or a release of cyanide waste from the destruction unit, Trident Plating shall submit a written report to the Department. The report shall include a copy of the daily tank inspection report covering the release, results of a sample monitoring data collected and shall describe the steps/corrective action taken or planned to prevent the reoccurrence

<sup>4</sup>Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated and maintained to ensure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than  $\pm 10$  percent from true discharge rates throughout the range of expected discharge volumes.

### Independent Laboratory Acid and Nickel Collection Tank Monitoring

All wastewater samples shall be representative of the volume and nature of the discharge. The time, date, and location of each grab sample shall be recorded on the sample chain of custody form. Laboratories analyzing monitoring samples shall be certified by the Department of Health Services, and must include quality assurance/quality control data with their reports. Sample monitoring locations shall include the acid collection tanks nos. A1 to A7 and the Nickel collection tanks nos. N1 to N8. The acid and nickel collection tanks monitoring is as follows:

Independent Laboratory Acid Collection Tanks and Nickel Collection Tanks Monitoring Program				
Constituents	Units	Sample Type	Sample Frequency <sup>1</sup>	Sample Analysis Method <sup>2,3</sup>
Tank volume	gallons	measurement	weekly	measurement
pH	standard units	measurement	weekly	EPA 9040B
Total Cyanide	mg/l	grab	weekly	EPA 9010/9014

<sup>1</sup>Sample collection shall alternate between the morning (7:00 a.m. to 12:00 p.m.) and the afternoon work periods. (12:01 p.m. to 5:00 p.m.) such that every other week the sample is representative of a different work period.

<sup>2</sup>If Trident conducts any additional monitoring of the collection tanks then the monitoring results from those sample events shall also be noted in the daily tank log inspection report.

<sup>3</sup>Within 48 hours of detecting incompatible waste within any collection tank, Trident shall submit a written report to the Department. The report shall include a copy of the daily tank inspection report covering the mixing incompatible waste, result of a sample monitoring data collected and shall describe the steps/corrective action taken or planned to prevent the reoccurrence.

**Independent Laboratory Cyanide Collection Tank and Cyanide Destruction Tank Monitoring**

All wastewater samples shall be representative of the volume and nature of the discharge. The time, date, and location of each grab sample shall be recorded on the sample chain of custody form. Laboratories analyzing monitoring samples shall be certified by the Department of Health Services, and must include quality assurance/quality control data with their reports. Sample monitoring locations shall include the cyanide collection tanks nos. C1 to C6 and the Cyanide Destruction Tank. The cyanide collection tanks and cyanide destruction tank monitoring is as follows:

Independent Laboratory Cyanide Collection Tanks and Cyanide Destruction Tank Monitoring Program				
Constituents	Units	Sample Type	Sample Frequency	Sample Analysis Method <sup>2,3</sup>
Tank volume	gallons	measurement	Weekly	Direct measurement
pH	standard units	measurement	Weekly	EPA 9040B
Total Cyanide <sup>1</sup>	mg/l	grab	Weekly <sup>1</sup>	EPA 9010/9014

<sup>1</sup> A sample for total cyanide shall be collected from the effluent discharged from the cyanide destruction tank and prior to mixing with any other waste stream.

<sup>2</sup> Additional monitoring of the cyanide collection tanks or the cyanide destruction tank shall also be noted in the daily tank log inspection report.

<sup>3</sup> Within 48 hours of becoming aware that incompatible waste has been mixed in the cyanide collection tank or a release of cyanide waste from the destruction unit, Trident Plating shall submit a written report to the Department. The report shall include a copy of the daily tank inspection report covering the release, results of a sample monitoring data collected and shall describe the steps/corrective action taken or planned to prevent the reoccurrence.

# **Exhibit 2**

*Trident Plating, Inc.* 10046 Romandel Avenue  
"A Reputation for Excellence" Santa Fe Springs, CA 90670-3424

July 3, 2007

Department of Toxic Substances Control  
Statewide Compliance Division  
8800 Cal Center Drive  
Sacramento, California 95826-3200  
Attn: Mr. Alex Baillie, Hazardous Substance Specialist

Dear Sir:

Trident Plating, Inc., is submitting some of our revised forms for inspection of the waste treatment and collection tanks, along with the revised plating tanks for the Gold & Silver areas. .

I would appreciate it if you could respond so that the forms we will be using are considered relevant or acceptable by the DTSC.

Sincerely;

Original signed by L. Ian Holmberg

L. Ian Holmberg  
Operations Manager

*Telephone: 562-906-2556 Fax: 562-906-9686  
E-Mail [tridentplating@earthlink.net](mailto:tridentplating@earthlink.net)*

## TRIDENT PLATING, INC. MAINTENANCE SCHEDULE

## Wastewater Cyanide Collection Tanks, Plating Area

Week Ending June 22, 2007

Daily Collection Tank Inspection &amp; Equipment Checklist, Etc.

Activity	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Remarks: LIST TANK NUMBER & Tank, Equipment Conditions Observed
Cyanide Main Collection Tank C-1								
Secondary Containment								
Tank Condition								
Equipment Condition								
Other/Pumps								
Signs of Corrosion and/or Leaking								
Sample & Sample Size Taken & pH								
Cyanide Collection Tank C-2								
Secondary Containment								
Tank Condition								
Equipment Condition								
Other/Pumps								
Signs of Corrosion and/or Leaking								
Sample & Sample Size Taken & pH								
Cyanide Collection Tank C-3								Tank is Not in Use Empty
Secondary Containment								
Tank Condition								
Equipment Condition								
Other/Pumps								
Signs of Corrosion and/or Leaking								
Sample & Sample Size Taken & pH								
Cyanide Collection Tank C-4								
Secondary Containment								
Tank Condition								
Equipment Condition								
Other/Pumps								
Signs of Corrosion and/or Leaking								
Sample & Sample Size Taken & pH								
Cyanide Collection Tank C-5								
Secondary Containment								
Tank Condition								
Equipment Condition								
Other/Pumps								
Signs of Corrosion and/or Leaking								
Sample & Sample Size and/or Leaking								
Cyanide Collection Tank C-6								
Secondary Containment								
Tank Condition								
Equipment Condition								
Other/Pumps								
Signs of Corrosion and/or Leaking								
Sample & Sample Size Taken & pH								
Scrubber Sump								
Secondary Containment								
Tank Condition								
Equipment Condition								
Other/Pumps								
Signs of Corrosion or Leaking								
Sample & Sample Size Taken & pH								
Daily Verification of Inspection By Trident Official								

Form WWT-331A

I, the undersigned, state that this is a true and honest report.

Accepted this date by:

Operator

Trident Management

WASTEWATER TREATMENT AREA, Maintenance Schedule/Operations Log

Activity	1/19/2007	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Weekly Totals	Remarks: LIST TANK NUMBER AND CONDITIONS FOUND
Last Calibration Date:	7/19/2007									
Next Calibration Date:										
CYANIDE DESTRUCT TANK T-5	500.00 Gallons									
Check Control Panel										
Adjust pH & ORP Settings as Required NOTE HEREIN										
		7:00 AM							Gallons	
LIST TIMES AND QUANTITIES PUMPED TO		9:00 AM							Gallons	
TANK 7		11:00 AM							Gallons	
Check & List Sodium Hypochlorite (Bleach)		1:00 PM							Gallons	
& Sodium Hydroxide Levels		3:00 PM							Gallons	
Sample Discharge Prior to being Pumped to Tank 7 List pH and Cyanide Values, Provided by Trident's Chemist										
Secondary Containment Condition										
ACID DESTRUCT TANK T-6	500.00 Gallons									
Check & List Sulfuric Acid & Sodium Di-Sulfite Levels										
Adjust pH and Orp Settings as Required		7:00 AM							Gallons	
Note Adjustment Herein		9:00 AM							Gallons	
LIST TIMES AND QUANTITIES PUMPED TO		11:00AM							Gallons	
TANK 7		1:00PM							Gallons	
		3:00 PM							Gallons	
Check all Tanks & Note Daily for any Leaks, Corrosion, Equipment and/or Other Deficiencies as Noted										
Secondary Containment Condition										

The undersigned states this is a true and correct statement.

Accepted by \_\_\_\_\_

Operator \_\_\_\_\_



TRIDENT PLATING, INC., MAINTENANCE SCHEDULE  
WASTEWATER CYANIDE COLLECTION TANKS, PLATING AREA

WEEK ENDING June 22, 2007		Daily Collection Tank Inspection & Equipment Checklist, Etc.							Remarks
Activity	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
Cyanide Main Collection Tank C1	260 Gals								
Sample & Sample Size, Taken @									
List pH									
Cyanide Collection Tank C - 2	60 Gals								
Sample & Sample Size, Taken @									
List pH									
Cyanide Collection Tank C - 3	60 Gals							NOT IN USE EMPTY	
Cyanide Collection Tank C - 4	60 Gals								
Sample & Sample Size, Taken @									
List pH									
Cyanide Collection Tank C - 5	30 Gals								
Sample & Sample Size, Taken @									
List pH									
Cyanide Collection Tank C - 6	30 Gals								
Sample & Sample Taken @									
List pH									
Scrubber Sump	30 Gals								
Sample & Sample Size, Taken @									
List pH									
ALL CYANIDE COLLECTION TANKS HAVE A SECONDARY CONTAINMENT OR DOUBLE WALL CONSTRUCTION ANY LEAKS OR SPILLS FOUND ARE LISTED IN THE REMARKS COLUMN EQUIPMENT, PUMPS AND OVERFILL EQUIPMENT CONDITIONS ARE ALSO LISTED									
DAILY VERIFICATION OF INSPECTION BY A TRIDENT OFFICIAL									

Form WWT-02 Rev. 0

I, the undersigned, states that this is a true and honest statement.

Accepted this date by:

Trident Management

Trident Plating, Inc.  
10046 Romandel Avenue  
Santa Fe Springs, CA 90670

Week Ending June 22, 2007

WASTEWATER TREATMENT AREA, Maintenance Schedule/Operations Log								
Activity		Time	Monday	Tuesday	Wednesday	Thursday	Friday	Weekly Totals & Remarks
Last Calibration Date:	1/19/2007							
Next Calibration Date:	7/19/2007							
Check Control Panel on	Metal Flocculation	7:00 AM						
Metal Flocculation Tank Number 7		9:00 AM						
Adjust pH as Required		11:00 AM						
		1:00 PM						
		3:00 PM						
Check and List Amount of Flocculant in Dispenser			#	#	#	#	#	Pounds
Check Sodium Hydroxide (50 %) and Sulfuric Acid Levels and List Quantity Herein								Gallons
Perform Metal Content Test Prior to Discharge								Gallons
List Color								Color ?
Give Sample to Chemist for Analysis								
Twice Daily, Note Time								
Check all Tanks & Note any Leaks, Corrosion or Other Deficiencies in Remarks								List Findings:
Verify DAILY pH Recording on the Sample Box Note Here & on Chart Paper		9:00 AM	pH	pH	pH	pH	pH	
		2:00 PM	pH	pH	pH	pH	pH	
Flush Effluent to Filter Press Daily After Chemist's Okay								Time Sent to Filter Press ?
List Time Effluent is Discharge to Filter Press								
Check Filtrate Tank for Condition Note Herein								
Check Equipment & Corrosion Level And Note Herein Daily								
Change Chart Paper on pH Recorder as Required								List Date
Clean Filters as Required on Monthly Basis								List Date
INSPECTION VERIFIED DAILY BY:								

The undersigned, states this is a true and correct statement.

Operator

Accepted by

WWT-332, Rev A 04/16/2007

Trident Plating, Inc.  
10046 Romandel Avenue  
Santa Fe Springs, CA 90670-3424  
Tel 562-906-2556 Fax 562-906-9686

	A	B	C	D	E	F	G	H	I	J
1	Daily, Weekly, Monthly,									
2	Semi-Annual and Annual Inspection Reporting									
3	Form									
4	Harrington Scrubber Model ECV 8-95									
5	Daily Inspection	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Weekly	Monthly	Semi-Annual
6	Record FlowMeter Reading 350 GPM, Indicate									
7	Reading									
8	Inspect and Clean Sump Filter									
9	Verify Operation of Float Valve									
10	Operate Ball Valves									
11	Write in pH Reading									
12	Calibrate pH Probe to 7.0 & 10.0, if Required									
13	Record Static Pressure 1.50 - 3.0									
14	Inspect Spray Nozzle Pattern									
15	Record Pressure Drop Reading									
16	Inspect Sump Heater Operation									
17	Verify Low Level Sump Switch Operation									
18	Record Sump Equipment Condition									
19	Record Sump Containment Condition									
20	Record Transfer to Cyanide Destruct Tank from									
21	Sump in Gallons									
22	Check Water Make-up Rate									
23	System Cleaning									
24	Inspect FlowMeter Paddlewheel Assembly									
25	Check Pump Motor Amps									
26	Clean and Inspect Pump Motor									
27	Inspect Packing Face for Build-up									
28	Inspect Packing for Build-Up									
29	Inspect Mist Eliminator for Build-Up									
30	Inspection Verified By Trident Officer									

*This is a true and honest report!*

Report by: \_\_\_\_\_

Report is accepted by \_\_\_\_\_

Trident Plating, Inc.  
19046 Rossmore Avenue  
Santa Fe Springs, CA 90670-3424  
Tel. 562-906-2550 Fax 562-906-9658

TANK	TANK NAME	CAPACITY	SECONDARY CONTAINMENT	Daily Check of Tank, Piping and Containment Area for Leaks, Corrosion, or NO DASH CHEMICAL COMPONENTS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	REMARKS
<b>GOLD PLATING LINE</b>											
1	CAUSTIC 90 (Drain, Reverse)	150 Gals	NONE								E = Empty 1/2 F = 1/2 Full Full = F
2	RINSE (DRAG-OUT)	25 Gals	NONE								
3	RINSE	25 Gals	NONE								
4	HURDALL 10%	40 Gals	YES	Hydrochloric Acid= 6 gallons							
5	RINSE	25 Gals	YES								
6	NICKEL STRIKE	40 Gals	YES	Nickel Chloride=25 lbs.; Hydrochloric= 4 gallons							
7	RINSE (DRAG-OUT)	25 Gals	YES								
8	RINSE	25 Gals	YES								
9	SULFAMATE NICKEL	140 Gals	YES	Nickel Sulfamate=60 gals; Nickel Chloride=23 lbs.; Boric Acid=53 lbs.							
10	RINSE (DRAG-OUT)	25 Gals	YES								
11	RINSE	25 Gals	YES								
12	NICKEL BRONZE	140 Gals	YES	Nickel Sulfamate=50 gals; Nickel Bromide=20 lbs.; Boric Acid=53 lbs.							
13	COPPER CYANIDE PLATE	140 Gals	YES	Copper Cyanide=15 lbs.; Potassium Cyanide=13 lbs.; Potassium Hydroxide=4 lbs.							
14	RINSE (DRAG-OUT)	25 Gals	YES								
15	RINSE	25 Gals	YES								
16	RINSE	25 Gals	YES								
17	GOLD STRIKE (Aurobind TN)	40 Gals	NONE	Aurobind TN Gold Salt=35 Troy ounces							
18	RINSE	25 Gals	NONE								
19	GOLD (PAG=102)	25 Gals	NONE	Pur-A-Gold (PAG 402)=24 Troy ounces							
20	RINSE	25 Gals	NONE								Rinse Collected and Sent Outside for Reclamation
21	GOLD (AUTRODEX CI)	25 Gals	NONE	AUTRODEX CI Gold=24 Troy ounces							
22	RINSE	25 Gals	NONE	Not In Use							Rinse Collected and Sent Outside for Reclamation
23	GOLD (DR-424)	25 Gals	NONE								
24	RINSE	25 Gals	NONE	Not In Use							Rinse Collected and Sent Outside for Reclamation
25	GOLD (T-20)	25 Gals	NONE								
26	RINSE	25 Gals	NONE	Not In Use							Rinse Collected and sent Outside for Reclamation
27	GOLD (ORCEBIS BFF)	25 Gals	NONE	Orcebis BFF Gold=24 Troy ounces							
28	RINSE (DRAG-OUT)	25 Gals	NONE								
29	RINSE	25 Gals	NONE								
30	ALKALINE TIN	150 Gals	NONE	Potassium Stannate=75 lbs.; Potassium Hydroxide=50 lbs.							
31A	RINSE (COUNTER-FLOW)	25 Gals	NONE								
31B	RINSE (COUNTER-FLOW)	25 Gals	NONE								
32	RINSE (COUNTER-FLOW)	25 Gals	NONE								
33	ACID COPPER	40 Gals	YES	Copper Sulfate Pentahydrate=30 lbs.; Sulfuric Acid=3 gals							
34	RINSE	25 Gals	YES								
35	RINSE	25 Gals	YES	Not In Use							
36A	SPRAY RINSE	25 Gals	NONE								
36B	SPRAY RINSE	25 Gals	NONE								
36C	HOT WATER RINSE	40 Gals	NONE								

I, The undersigned, acknowledges, that I have found no signs of corrosion, leaks, and/or dripping, or spills of hazardous wastes, from the tanks, or on the floor, during my daily inspection of the tanks listed herein, and further acknowledge my responsibility to report any and all problems to the responsible parties for handling the same. I have also noted the level of liquids in the Rinse Tank.

TANK	TANK NAME	CAPACITY	SECONDARY CONTAINMENT	Daily Check of Tanks, Piping and Containment Areas for Leaks, Corrosion, etc. with BATH CHEMICAL COMPONENTS List as Leaks, Corrosion in Remarks	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	REMARKS
SILVER PLATING LINE											
37	RINSE	25.00 Gal	YES	NOT IN USE							E = Empty 1/2 E = 1/2 Full F = Full
38	RINSE	25.00 Gal	YES	NOT IN USE							
39	COPPER CYANIDE STRIKE	120.00 Gal	YES	Copper Cyanide = 79 lbs., Potassium Cyanide = 11 lbs. EMPTY							
40	RINSE (DRAIN-OUT)	25.00 Gal	YES	NOT IN USE							
41	RINSE	25.00 Gal	YES	NOT IN USE							
42	COPPER CYANIDE PLATE	140.00 Gal	YES	Copper Cyanide = 45 lbs., Potassium Cyanide = 12 lbs., Potassium Hydroxide = 4 lbs.							EMPTY NOT IN USE
43	SILVER PLATE	100.00 Gal	YES	Silver Potassium Cyanide = 451 lbs. (corros); Potassium Cyanide = 100 lbs.							
44	RINSE (DRAIN-OUT)	25.00 Gal	YES								
45	RINSE	25.00 Gal	YES	NOT IN USE							
46	SILVER PLATE	100.00 Gal	YES	Silver Potassium Cyanide = 451 lbs. (corros); Potassium Cyanide = 100 lbs. EMPTY							
47	RINSE (DRAIN-OUT)	25.00 Gal	YES	NOT IN USE							
48	RINSE	25.00 Gal	YES	NOT IN USE							
49	RINSE	25.00 Gal	YES	NOT IN USE							
50	RINSE (DRAIN-OUT)	25.00 Gal	YES	NOT IN USE							
51	SILVER PLATE	100.00 Gal	YES	Silver Potassium Cyanide = 451 lbs. (corros); Potassium Cyanide = 100 lbs.							
52	SILVER STRIKE	50.00 Gal	YES	Silver Potassium Cyanide = 225 lbs. (corros); Potassium Cyanide = 50 lbs.							
53	RINSE (DRAIN-OUT)	25.00 Gal	YES	NOT IN USE							
54	RINSE	25.00 Gal	YES	NOT IN USE							
55	ACTUAL PLATE (WASTE)	10.00 Gal	NO	Mercuric Sulfide = 183 lbs., Nickel Sulfide = 44 lbs., Zinc Sulfide = 25 lbs. EMPTY							
56	RINSE (DRAIN-OUT)	25.00 Gal	NO	NOT IN USE							
57	RINSE	25.00 Gal	NO	NOT IN USE							
I, the undersigned, acknowledge, that I have found no signs of corrosion, leaks, and/or droppings, or spill of Hazardous Wastes, from the tanks, or on the floor, during my daily inspections listed herein, and further acknowledge my responsibility to report any and all findings to the responsible parties for handling the same. I have also noted the level of Wastes in the Rinse Tanks.											